: SADDLE FITTING, FWD (OUTBOARD/INBOARD)

Wednesday, 03/06/2009 10:48:45 AM

Julie Dawson

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

Job Number

: 48353

Estimate Number

: 10531

P.O. Number

Previous Run

: 03/06/2009 This Issue Prsht Rev.

: NC

First Issue : 47565

: 11

Type

S.O. No. :

Part Number

Drawing Name

: D2572

Drawing Number

: D2572 REV E

Project Number

: N/A : E

Drawing Revision Material

Due Date

: 30/06/2009

Qty:

8 Um:

Each

Written By

Checked & Approved By

Comment

Re-format; Change to Dwg Rev. D & : Est: | 02.10.02

: MACHINED PARTS

incorporated D2572KJ

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

1.0

D6101005

Saddle Billet

Comment: Qty.:

1.0000 Each(s)/Unit Total:

8.0000 Each(s)

7075-T7351 8.25X5.0X2.5

Make from D6101-005 billet for D2572 Ensure that grain is along 5.00" length

Batch No: 4(H)

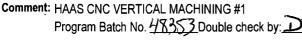
2.0

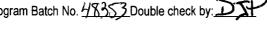
HAAS1

HAAS CNC VERTICAL MACHINING #1









1-Machine Step No 1 per Folio FA051 and inspect per attached Dimension Sheets 2-Machine Step No 2 per Folio FA051 and inspect per attached Dimension Sheets

3-Machine Step No 3 per Folio FA051 and inspect per attached Dimension Sheets

4-Deburr and remove all machining marks

5-Tumble to remove shap edges.

3.0

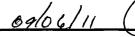
MILLING CONV.

CONVENTIONAL MILLING MACHINE



Comment: CONVENTIONAL MILLING MACHINE

Machine keyway as per dwg D2571 & D2572





Dart Aerospace Ltd

	•			•					
W/O:			WO	RK ORDER CHANG	iES				
DATE	STEP	PR	PROCEDURE CHANGE					Approval Chief Eng / Prod Mgr	Approval QC Inspector
									·
		-							
Part No	:	PAR #:	Fault Categ	ory:	_ NCR: Yes	No DQ	A:	Date:	
	Res	solution:	Disposition	:	_ QA: N/C (Closed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC			tion B	Verifi	cation	Approval	Approval
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat		ion C	Chief Eng	QC Inspector
							÷		
									į
			,						

NOTE: Date & initial all entries

Wednesday, 03/06/2009 10:48:45 AM Date: User: 2 Julie Dawson **Process Sheet** Drawing Name: SADDLE FITTING, FWD (OUTBOARD/INBOARD) Customer: CU-DAR001 Dart Helicopters Services Job Number: 48353 Part Number: D2572 Job Number: Seq. #: **Machine Or Operation:** Description: INSPECT PARTS AS THEY COME OFF MACHINE 4.0 QC2 Comment: INSPECT PARTS AS THEY COME OFF MACHINE SECOND CHECK 5.0 QC8 Comment: SECOND CHECK 6.0 HAND FINISHING1 HAND FINISHING RESOURCE #1 Comment: HAND FINISHING RESOURCE #1 Acid etch and Alodine as per QSI 005 4.1 7.0 POWDER COATING POWDER COATING 11 477 Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3 START TIME: **OVEN TEMPERATURE:** FINISH TIME: INSPECT POWDER COAT/CHEMICAL CONVERSION 8.0 QC3 Comment: INSPECT POWDER COAT PACKAGING 1 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 4 10.0 Comment: FINAL INSPECTION/W/O RELEASE Job Completion 09-06-16

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W/O:	* -	WORK ORDER CHANGES								
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
		*								

Part No: D2572

PAR #: NA Fault Category: Machy

Resolution: accepted

Disposition: Use as 15

NCR:49	353	W	ORK OR	DER NON-CONFORMANCE	(NCR)			
DATE	STEP	Description of NC		Corrective Action Section B		Verification	Approval	Approvai
DATE	21EP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
्ग/०८/०७	20	distance between .360 Hoks 15 3.883 at one flace Only the top holes were affected. All other holes were in tolerance. R. Ci Alachine Hal Buction for	(P) CR. 05. UE	Acceptable. Bults still fiti	H.A 09/00/11	Salvely	05.05.0E	Silvol
		the difference.		FAI records the good climenstons. Employee thought it was along to record the remaining correct dimensions, since the issue was recorded approved on an DCR.		05.07-13	Suur	65013

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	48353
Description: Saddle, Fwd Inboard	Part Number:	D2572
Inspection Dwg: D2572 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2572 Rev. E and record below:

•				Re	corded Actu	ual Dimensi	ons		· · · ·
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.438	0.443		0.440	0.440	0.440	0.440		_
В	1.745	1.755		1.750	1.750	1.750	1.750		
С	3.495	3.505		3.500	3.500	3.500	3.500		
D	1.745	1.755		1.750	1.750	1.750	1.750		
Е	7.990	8.010		7.999	7.999	7.999	7.799		
F	0.490	0.510		0.499	0.501	U500	0.500		
G	0.257	0.262		0.260	0.260	0.260	0.260		
Н	0.375	0.380		0.376	0.376	0.376	0,376		
I	0.490	0.510	•	0.502	0.5045	0.503	0.504	_	,
J	1.174	1.184		1,179	1.179	1.199 -573 1.149	1,179		
K	0.558	0.578		0.572	372	-573	*27イ		
L	1.174	1.184		1.179	1.179	1.179	1, 179		•
М	1.490	1.500		1.495	1.495	1.495	1.495		
N	2.495	2.505		2.500	2.500 3.874 0.125	2.500	2.500		
0	3.869	3.879	, ,	3,878	3.874	3.874	3874		
Ք	0.115	0.135		10.124	0.125	0.124	0.125		
Ø	0.115	0.135		0.135	0.135	0.135	0.135		
R	0.240	0.260		0.249	0.250	0.249	0.250		
S	0.115	0.135		0.128	0.127	0.128	0.129		
Т	0.178	0.198		0.188	0.188'	0.188	J. 188		
כ	2.940	2.980		2.965	2.960	2.960	2.960		
>	0.230	0.250		0.238	0.237	0.235	0.237		
V	0.115	0.135		0.135	0.133	0.134	0.134		
Х	0.307	0.312	•	.312	,312 .760	210	.3/2		
Υ	0.760	0.765		.71.0	.760	760	.760		
Z	0.352	0.372		0.362	<u>વા</u> ુદ્રદ્વ	0.362	0.362		
AA	0.470	0.530		KOKOO	0.500	0.500	0.500		
AB	0.615	0.635		0.625	0.625	0.625	0.625		
AC	0.053	0.073		0.063	0.063	0.063	0.063		
AD	0.240	0.260		0.247	0.245	0.063	0.245		
ΑE	1.375	1.395		1.387	1.388	1.387	1.3878		
AF	0.115	0.135		0.135	0.135	0.135	0.135		
AG	0.240	0.280	_	0.250	0.250	0.250	0.250		
AH	0.240	0.260		0.247	0.247	0.246	0.247		
Al	2.000	2.020		2.003	2.004	2.003	2.005		
AJ	0.023	0.043							
-	Ace	cept/Reje	ct						

Measured by:	A.A	09 06 06	Audited by	- Inc.
Date:		09/06/06	Date:	09/06/11

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.09.24	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF , ,	-1
E	05.12.05	Added dimension AJ	KJ/JLM ↔	

DART AEROSPACE LTD	Work Order: 1	18355
Description: Saddle, Fwd Inboard	Part Number:	D2572
Inspection Dwg: D2572 Rev. E		Page 7 of 1

Inspect dimensions highlighted on inspection sheet drawing D2572 Rev. E and record below:

	· •			Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	15	76	37	18	Ву	Date
A	0.438	0.443		0.440	0.440	0.440	0.440		
В	1.745	1.755		1.750	1.750	1.1750	1,750		
С	3.495	3.505		3500	3.500	3.500	3500		
D	1.745	1.755		1,450	1.750	1,750	1.750		
E	7.990	8.010		7.999	1,750	7.999	7.999		
F	0.490	0.510		.498	0.500	0.500	0.500		
G	0.257	0.262		0.260	0.260	0.260	0.260		
Н	0.375	0.380		0.376	0.376	0.376	0.376		
Ī	0.490	0.510		0.504	0.504	0.504	0.504		
J	1.174	1.184		1.179	1.179	1.179	1.179		
K	0.558	0.578		0.573	0.573	0.575	9.535		
L	1.174	1.184		1.179	1.179	1.149	1.179		
M	1.490	1.500		1. 495	1.495	1.445	1,495		
N	2.495	2.505		2.500	2.500	2.500	2.500		
0	3.869	3.879		3.874	3.874	3.874	3874		
Р	0.115	0.135		0.125	3.874	0.124	0.125		
Q	0.115	0.135		0.135	0.135	0.135	0.135		
R	0.240	0.260		0.250	0.250	0.249	0.249		
S	0.115	0.135		0.128	0.129	0 128	0.129		
Т	0.178	0.198		୦.198	0.188	0.188	0.188		
U	2.940	2.980		2.96	2.960	2.960	2.960		
V	0.230	0.250		0.237	0.237	0.237	0.237		
W	0.115	0.135		0.135	0.134	0.135	0.135		
Χ	0.307	0.312		,312	.311	-3/0	,310		
Υ	0.760	0.765		.760	-760	0.363	.760		
Z	0.352	0.372		0.362	0.363	0.363	0.365		
AA	0.470	0.530		0.500	0.500	0.500	0.500		
AB	0.615	0.635		0.625	0.627	0.626	9,626		
AC	0.053	0.073		0.063	0.063	6.063	0.063		
AD	0.240	0.260		0.246	0.245	0,245	0.245		
AE	1.375	1.395		1.3877	1.3875	1.3874	1.3878		
AF	0.115	0.135		0.135	0.135	0,135	0.135		
AG	0.240	0.280	·	0.250	0.250	0.250	0.250		
АН	0.240	0.260		0.247	0.248	0.247	0.247		
ΑI	2.000	2.020		2.004	2.004	2.003	2004		
AJ	0.023	0.043		<u> </u>					
	Acc	cept/Reje	ct					<u> </u>	

Measured by: 14, A 09 06 06	Audited by
Date: 07 106 106	Date: 09/06/11

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.09.24	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
Ď	05.05.05	Added dimension Al	KJ/RF	-1
E	05.12.05	Added dimension AJ	KJ/JLM A	911

